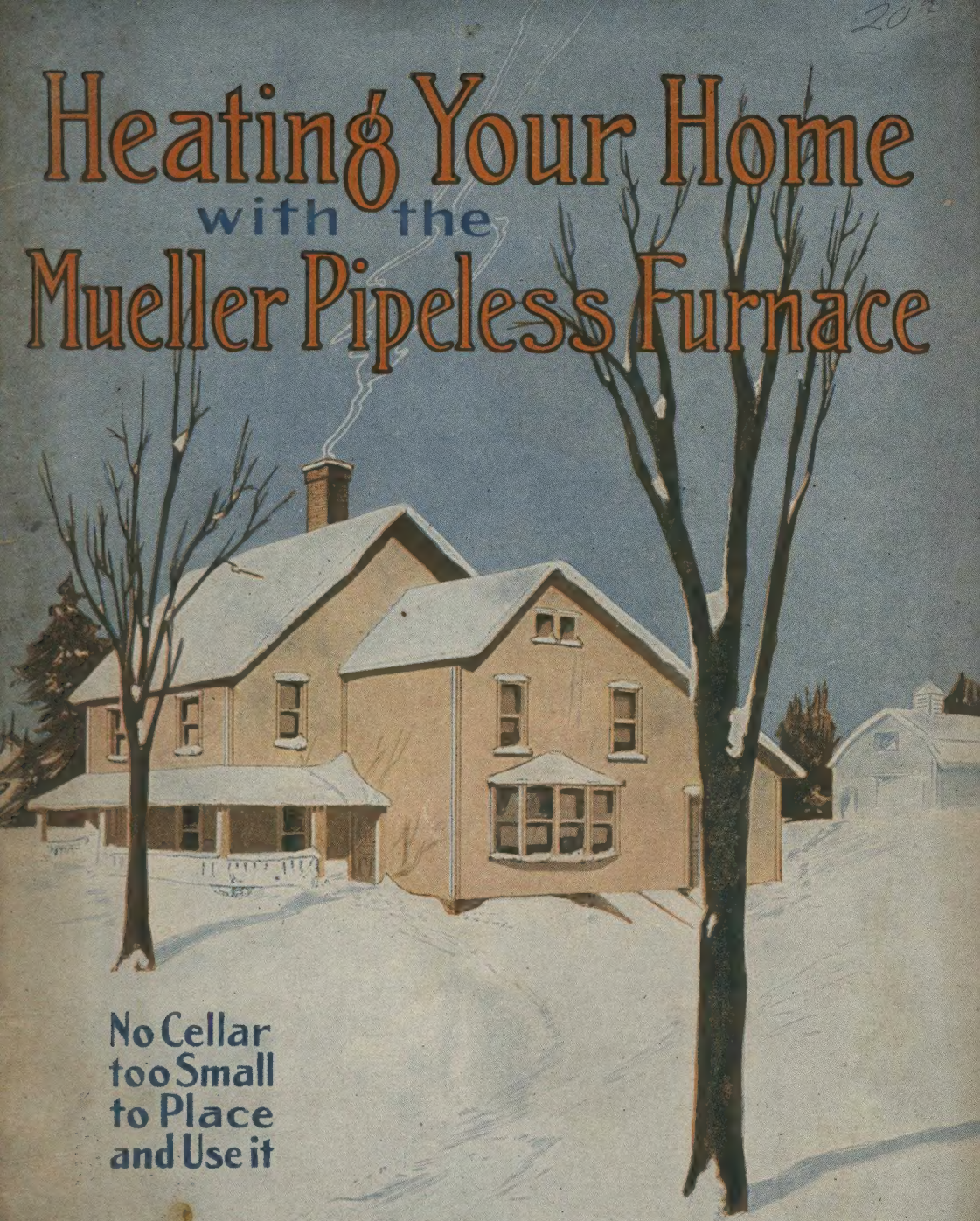
Heating Your Home with the Mueller Pipeless Furnace



No Cellar too Small to Place and Use it

L·J·MUELLER FURNACE CO.

MILWAUKEE · · · · WISCONSIN

KEYSTONE SUPPLY & MFG. CO.

PHILADELPHIA, PA.

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A New Kind of Furnace that Saves You Trouble and Expense

L. J.
= Mueller

THIS book tells about the Mueller Pipeless Furnace—a new kind of furnace heating system without flues or pipes that can be placed in the smallest cellar and will supply your whole house with a comfortable heat at a great saving in fuel cost.

If you were convinced that you could heat your home with a furnace easier and more thoroughly than with stoves, we don't believe that it would take you long to decide which to use. You have probably had your fill of disagreeable experiences with stove heating. You have realized keenly that even at its finest a stove isn't a thing of beauty—that it takes up a lot of space in your rooms and keeps the whole house constantly dirtied up. You know what a job it is to lug coal or wood from shed or basement to keep stoves filled—what a trial and trouble ashes and coal dust are. And even with the best of stoves the heating is never satisfactory—roasting hot near the stove, freezing in the corners of your rooms—floors always so cold as to keep your feet chilly make it unsafe for children to play there and keep you in constant danger of colds and pneumonia (that's because hot air rises and the cold air falls to the floor and has no place to get out).

Ventilation with stove heating is a joke too—unless you open your windows frequently, stove heat soon gets your rooms stiflingly stuffy, besides the air becomes stagnant and saturated with gases from the burning fuel, and if you want to keep your *whole house* warm you must go to the expense and trouble of having several stoves, for no stove will heat more than one room well, and drums and pipes running from the stove are simply inconvenient, unsanitary makeshifts.

This indictment of stove heating isn't a trumped-up complaint. You will agree to every charge of it. You know that the furnace-heated home is far more comfortable and sanitary than the stove-heated one, for you have appreciated the difference whenever you have visited a home warmed by a modern furnace.

If you have been living in a stove-heated home, you would have thrown out the stoves and put in a furnace long ago but for the difficulty and expense of furnace installation. If you were about to build a new home you would install a furnace in it at the start if you thought you could put it in and operate it without trouble and at a reasonable cost.

Your heating problems have been solved by the Mueller Pipeless Furnace

This new kind of furnace positively removes all previously existing obstacles to the installation of furnaces in old homes and new. It is a new idea in furnace building, proved practical by every test and standard.

The MUELLER PIPELESS is a solid, cast iron furnace of the return flue type, built, as far as castings (fire pot, grate, dome, radiator, etc.) are concerned, in precisely the same way as the old reliable MUELLER furnace line. The sole difference consists in its adaptation to heating without the use of pipes.

To accomplish this, the cast iron furnace is surrounded by a triple casing or jacket. The outer casing is of heavy galvanized iron and the inner casing of two sheets of rust-resisting steel placed one inch apart. This inner casing terminates about one foot from the cellar bottom, so that air will circulate under it, and is about four inches away from the outer galvanized casing. Instead of having pipes or flues running out at various angles to carry the heat into different parts of the house, the inner and outer casings are both carried up to the floor and fastened to the floor register, which consists of two parts—an inner circle surrounded by an outside border.

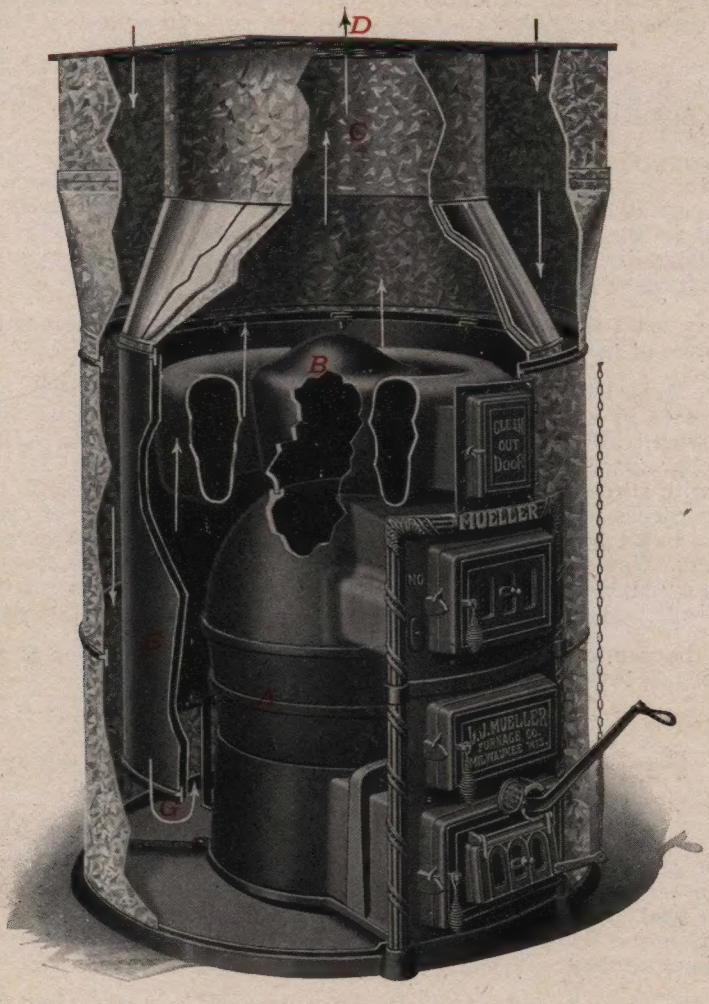
Here's how the Mueller Pipeless Furnace works

The warm air from the furnace passes in a steady current up through the inner circle of the register and circulates throughout the entire house. The cold air being heavier than the heated air descends to the floor and finds a natural outlet or escape through the outer compartment of the register into the space between the inner and outer jackets of the furnace, thence passes into the space next the furnace proper where it is reheated and again sent up to fulfill its heating function.

One register and one only is necessary. Simply leave doors of the other rooms open and the warm air will diffuse itself through them and make them warm and comfortable. Unless there is an open stairway, just leave doors of stairway and upper rooms open and they will get sufficient heat. You can run it at any desired heating capacity—can heat all your rooms or just one or two of them as you wish, for the MUELLER PIPELESS is very readily regulated.

Easily installed in any cellar no matter how small

As there are no pipes whatever, this furnace is very easy to install and takes up very little space in basement or cellar. It can be readily placed in a cellar of very limited dimensions. Where there is only a small cellar or vegetable pit under the home and it would be a difficult matter to install a furnace of the usual type, the MUELLER PIPELESS can be put in without difficulty, for all the room you need in addition to that occupied by the furnace itself is just enough to throw in the fuel, and even if coal or wood



Sectional view showing construction and operation of the Mueller Pipeless

Note these essential features: A, Firepot; B, Radiator; C, Central heating channel; D, Register; E, Double inner casing; G, Inner casing ring. Ascending arrows show hot air going up through inner circle of register to heat rooms. Descending arrows show cold air coming down. When this reaches bottom of inner casing at Ring G, it again comes into contact with the heated castings, is re-heated and again passes into circulation.

have to be carried in from outside, you will find it far less work to care for the MUELLER PIPELESS than for stoves, as well as being infinitely cleaner.

If you have no cellar at all under your home, you can see that it is not going to be a very difficult or expensive matter to dig a pit large enough for the installation.

Having decided where you want the furnace located, all you have to do is to cut a single hole in your floor directly above, set the furnace in place, make connection from casing to register, connect smoke pipe with chimney and put in the one register from which your entire home will be heated comfortably by reason of the thorough warm air circulation which this type of furnace provides.

Easy, isn't it?—a wonderfully simple way to secure the comforts and advantages of furnace heating.

The MUELLER PIPELESS is especially designed to meet the needs of already built homes in which the installation of a furnace of the usual type, with pipes, would be a difficult and costly job. It encroaches very little upon your cellar space and not at all upon the rest of your rooms. In fact, compared with stoves, it is a positive space saver. You don't have to tear your walls to pieces to put in pipes or flues. There is no danger of overheating your basement and spoiling vegetables, canned fruits and other perishable foodstuffs. You run no risk of setting your woodwork on fire through overheating or imperfect protection of pipes. The cold air return surrounds the hot air outlet, making the most perfect insulation—absolutely fire-proof.

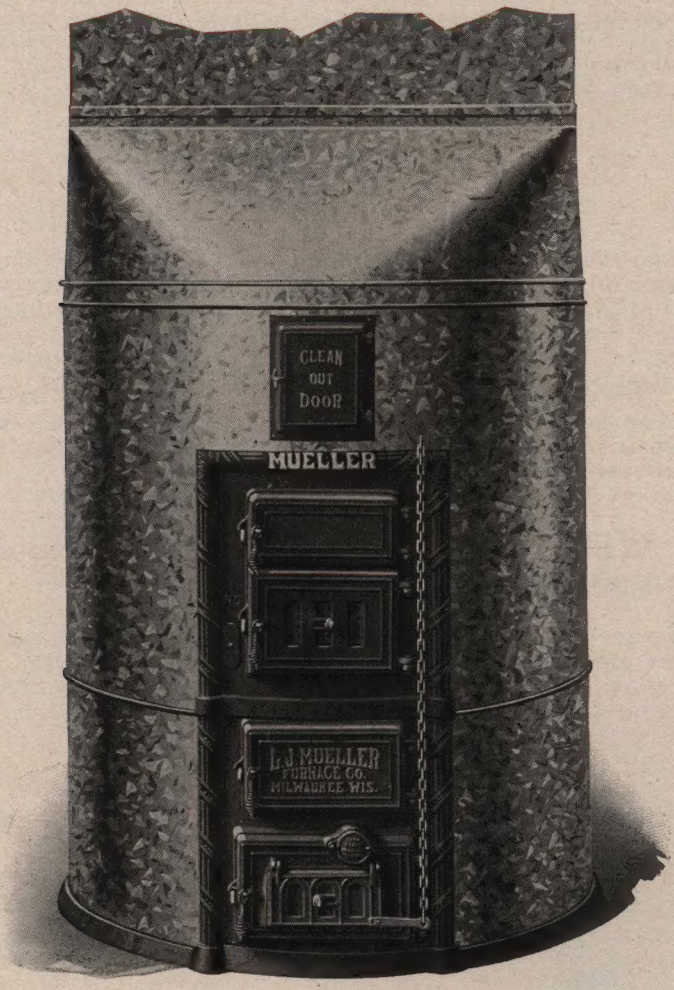
In thousands of new homes where economy of installation is an object, the MUELLER PIPELESS is equally practical.

Perfect ventilation that safeguards your family's health

The pipeless method of heating is both scientific and sanitary. By it an even temperature is maintained throughout all the rooms which you wish to heat. Better ventilation is also secured, for the air is in constant circulation and there is a complete change of air in the rooms from one to three times per hour.

In the home heated by the MUELLER PIPELESS you and your family do not continue to breathe and re-breathe stagnant, contaminated air (as is the case in the stove-heated homes), but secure a constant circulation of the air, which safeguards you against headaches, colds, catarrh and other ailments caused or aggravated by breathing impure air. From the standpoint of health, therefore, the MUELLER PIPELESS FURNACE deserves your closest consideration.

The efficiency of the PIPELESS FURNACE is not a matter of conjecture. It has been tried out under all sorts of conditions and has made good in the most positive way. Notoriously cold houses, which the occupants were never



The Mueller Pipeless Furnace complete ready for installation

Note compact form and pleasing appearance of this furnace, also total absence of all hot air pipes. All doors are easily accessible. Clean-out door at top makes it easy to clean the radiator. Furnace is regulated from above by means of chains. Low height makes it specially practical for installation in low and small cellars.

able to keep properly warmed by stoves (and, in some cases, where other types of furnaces proved inadequate for heating) have been transformed by PIPELESS FURNACES into perfectly comfortable homes. Every claim made for the heating and ventilating qualities of the MUELLER PIPELESS FURNACE has been proved sound and valid by actual experience.

The Mueller Pipeless Furnace is very economical of fuel

It gives you abundant heat at low cost. No heat is lost on the way from the furnace to the rooms for it all comes directly up the central register, whereas in heating pipes running to separate rooms it is estimated that at least a 25% loss of heat occurs on the way. There is no waste heat in the cellar, for, as explained, the cold air coming down between inner and outer jackets effectually prevents the escape of heat.

You can have all the hot water you want without additional fuel expense by placing a water coil in the furnace. This is easily attached and in no way interferes with firing.

Will not overheat your cellar and spoil your foodstuffs

Since the MUELLER PIPELESS FURNACE is triple-jacketed and there are no hot air pipes running through the cellar, you can keep the cellar cool while heating the rest of your house. Vegetables, fruit, canned goods, etc., stored in the cellar will, therefore, be protected from spoilage caused by too high temperature.

Operated with less trouble than a stove—and cleaner

The advantages of the MUELLER PIPELESS FURNACE over stove heating have already been referred to and they are such *real* advantages that when you have once lived in a house heated the PIPELESS way it would be almost impossible to induce you to go back to stove heat. With the MUELLER PIPELESS FURNACE in your cellar, your living rooms are not cluttered up with stoves, there is no lugging of coal upstairs and ashes down, no roasting by the stove and freezing by the windows, no breathing foul air and obnoxious gases. You can have your whole house cozy, clean and perfectly ventilated without paying a bigger fuel bill than you have to when worrying along with stove heat. A furnace, too, has a much greater heating capacity than a stove and is much more adequate to meet the requirements of severe winter weather.

Perhaps you agree with all that we have said about the superiority of furnace heat but have somehow gotten the idea that running a furnace is a "ticklish", burdensome job.

Dismiss this idea from your mind at once. The MUELLER PIPELESS FURNACE is as easy to operate as any stove. There is nothing complicated about it—it is so simple that any child, big enough to throw in the fuel, can run it with perfect results. All that is necessary is to follow a few practical, simple directions which accompany each furnace. Every operation connected with filling, running and regulating furnace and removing the ashes is so plain, easily understood and easily done as to present no difficulties whatever.

The Furnace is the most essential part of the heating system

No matter how admirable and efficient its other features may be, no heating system will give satisfaction unless the furnace is built in the right way and built for long, hard service.

Study these important features carefully

Close examination of this MUELLER FURNACE, part by part, and feature by feature, will show you that it is built in a way that will give you unusual service and satisfaction—that it will do its work well with maximum convenience in operating.

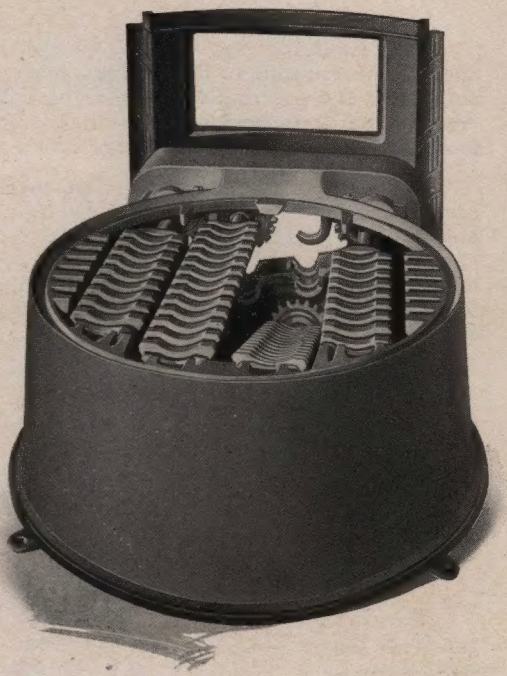
The ash pit

is large and high, allowing a free circulation under the grates, which prevents them from burning or warping.

The triangular duplex grates

The grates used in the MUELLER PIPELESS FURNACE are of the Triangular Duplex type, composed of triangular bars with teeth sufficiently closed together to allow for burning small coal. This construction positively eliminates waste of coal and makes ash sifting unnecessary, clinkers cannot form and there is no dust. Entire contents of fire pot can be removed in one half the time required by any other style of grate.

In its revolution, three different surfaces in alternation are exposed to the fire, which prevents bars from warping. A simple turning of



Large, Deep Ash Pit, with triangular Duplex Grate

the shaker clears the entire grate surface of all ashes, leaving every inch of it equally bright and clear, without packing down the coal in a solid mass. The free circulation of air through the fire thus provided insures perfect combustion and secures more heat from a given quantity of fuel than is possible with grates of other styles. This Triangular Duplex Grate is very easy to operate (a child can shake down the fire perfectly). It is automatically kept in position by a slotted device in the ash pit door which makes it impossible to remove the shaker unless grate bars are in proper position. Wood grates are furnished as an extra item to meet requirements where wood or lignite is extensively burned.

Extra heavy fire pot

The pot is built in two parts, with cup joint at center, so that it can readily expand and contract at the very point where this is necessary. The MUELLER FIRE POT is *deep*, to provide large coal-carrying capacity, which means less frequent firing, and *straight* to prevent ashes from accumulating on the sides and interfering with proper radiation of heat. The top of feed mouth is made with an upward slant so that smoke and gas cannot escape when fire door is open.

Radiator and dome

The Radiator and Dome are each made in one solid casting. The special construction of the radiator gives the MUELLER FURNACE increased fire surface at the top and intensifies the heat at this point. This means better results from fuel burned. The design of the radiator and dome is also such that all the heat possible is extracted from the coal consumed.

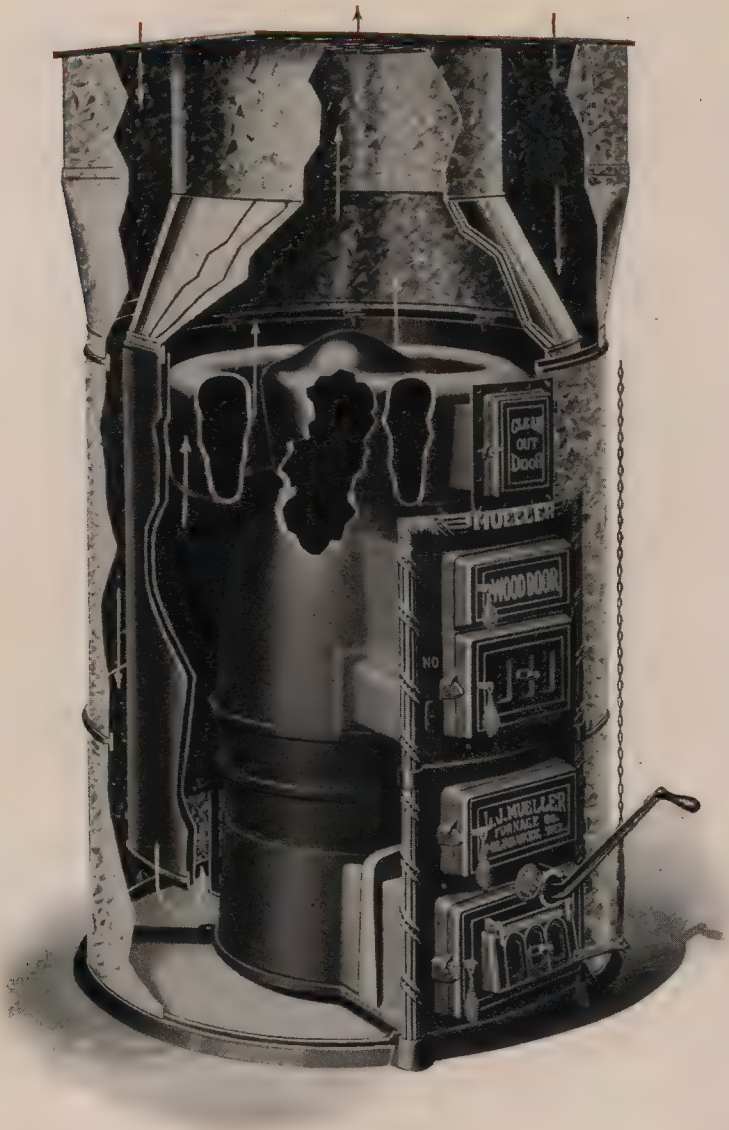
Every MUELLER FURNACE is held together by its own weight. Not a bolt, screw, or rivet is used in its construction. The deep cup joints used throughout are self-packing and, as an additional security, are also packed with cement. They are made to amply provide for expansion and contraction of the castings. This strong, simple construction is a positive assurance of long life and a safeguard against repairs, which makes the MUELLER a very economical furnace to own.

Cast Iron Water Pan

Humidity or moisture is secured in abundance by the use of the water pan. This produces about the same humidity as prevails in the outside atmosphere.

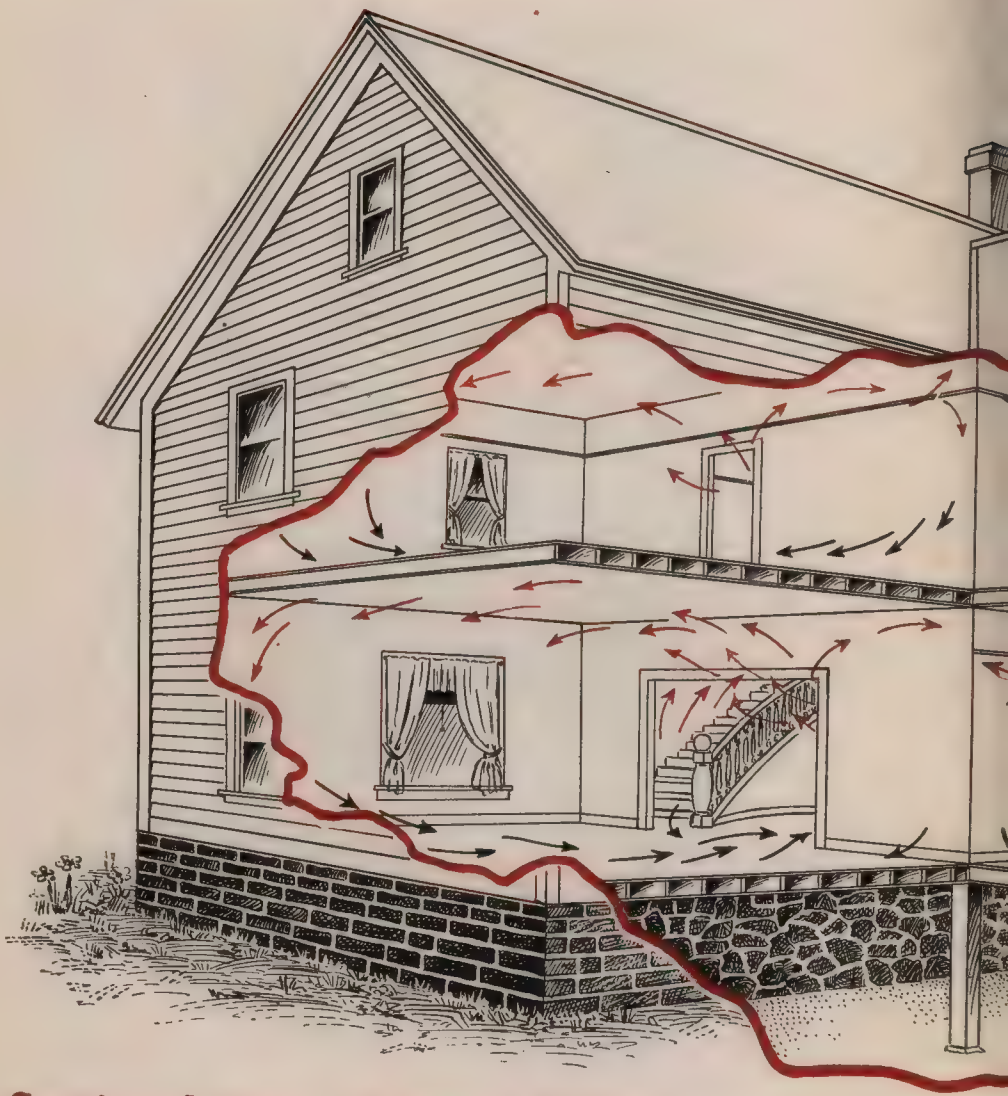
Simple and efficient doors

The doors in the MUELLER PIPELESS FURNACE are of the simplest and most practical type. They operate easily and have many special advantages and safeguards. All doors are perfectly fitted to frames—dust cannot find its way from the cellar into the air chamber of the furnace.



This furnace is the same as that shown on page 3, except that it has a higher dome, increasing its heating surface, and is made with large double fire door.

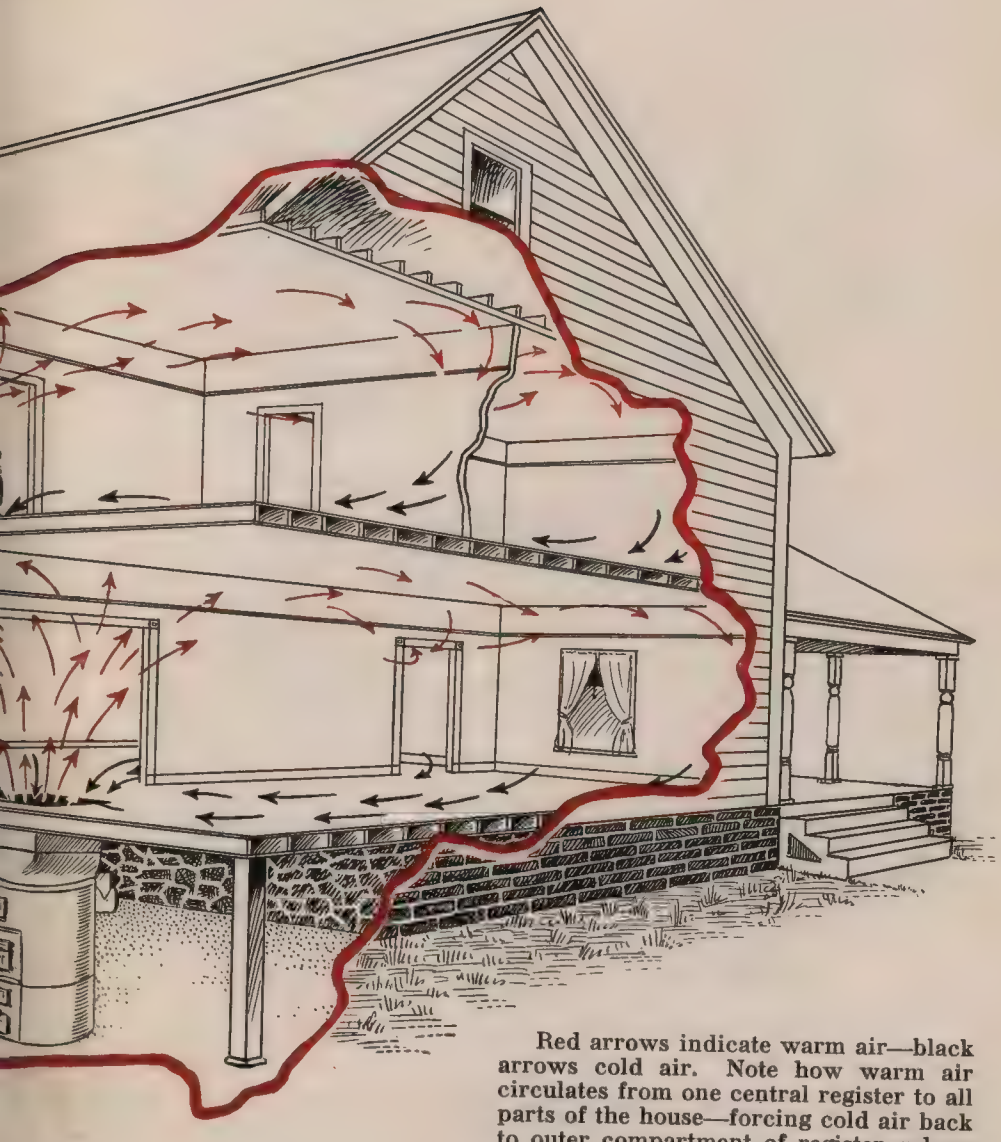
All Rooms Heated Thoroughly
Perfect Ventilation



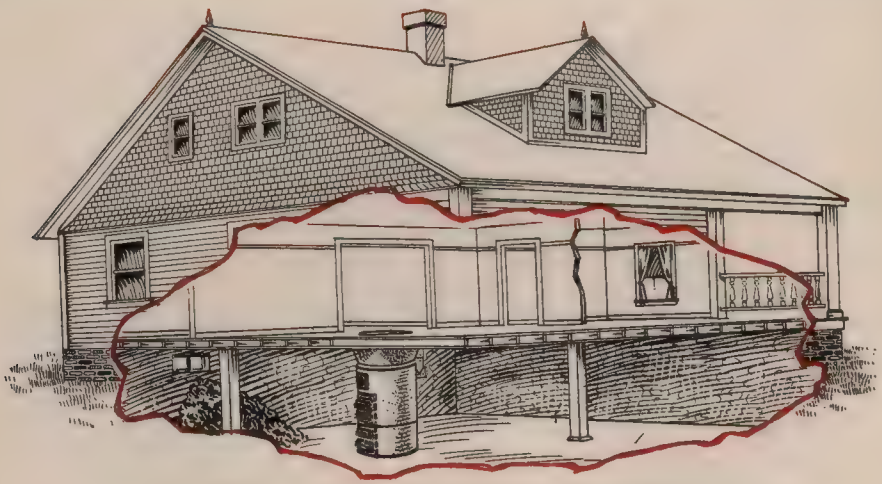
Sectional view of home heated by the Mueller Pipeless Furnace

Showing circulation of heat and return of cold air to furna

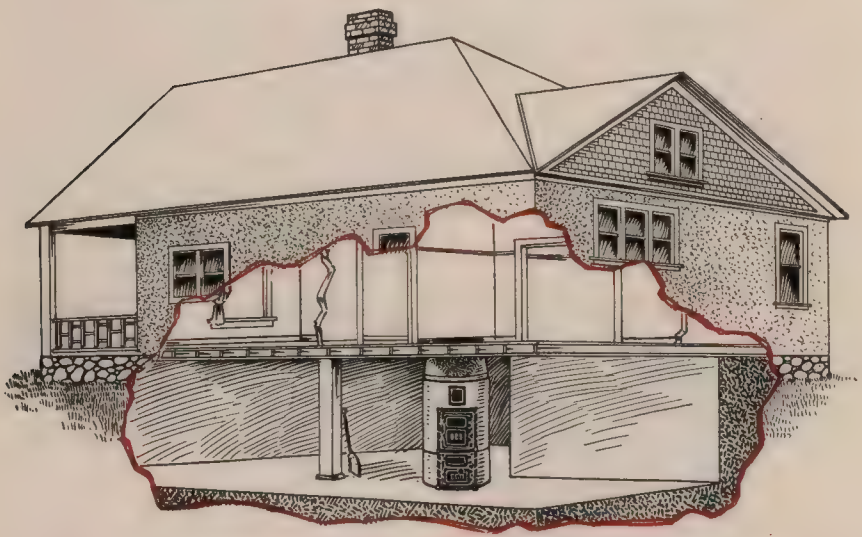
Keeps Down Fuel Bills
No Heat Wasted



Red arrows indicate warm air—black arrows cold air. Note how warm air circulates from one central register to all parts of the house—forcing cold air back to outer compartment of register, where it drops down between jackets for re-heating.



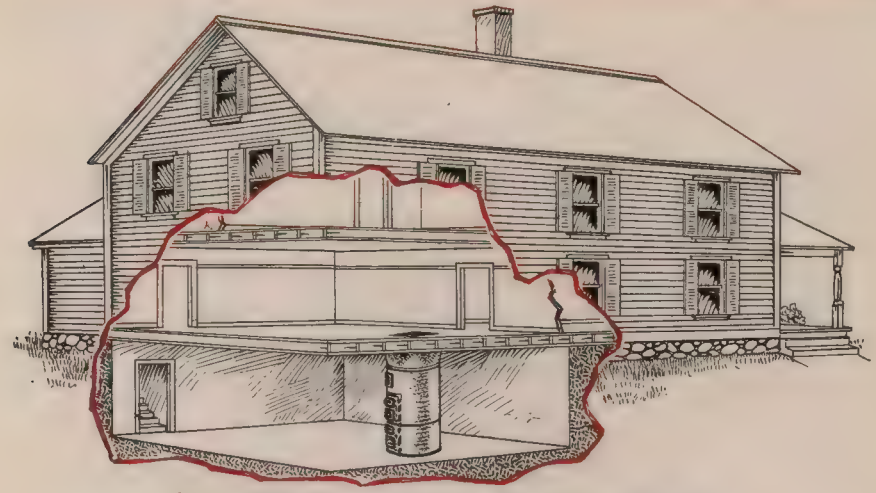
1. Installation in home with cellar under entire house.



2. Installation in home with cellar under about half of house.

Adapted to many different sizes and types of homes

The illustrations on this page and the next indicate in what a wide range of different sorts and sizes of homes, old and new, the MUELLER PIPELESS FURNACE can readily be installed.



3. Installation in home with very small cellar.

4. Installation in home originally without cellar, showing small excavation for putting in the furnace.

Easily installed under all sorts of conditions

On examining the illustrations on this and the preceding page, you will see that the MUELLER PIPELESS FURNACE is very easy to install and takes up very little space. Note particularly Illustration 4, which shows how it can be placed in a home having no cellar by simply digging out a pit large enough to take in the furnace. Where this is done, access to the furnace can be had through trap door from either inside or outside the house.

The Fire Door is provided on the inside with a cast iron, perforated plate and a horizontal slide, through which air is introduced to facilitate combustion of gas. This construction makes gas explosions impossible.

Where the use of both coal and wood in the same furnace is desired, the MUELLER PIPELESS FURNACE can be furnished with a Double Fire Door—either upper or lower door being opened independently of the other—and both doors being used when large chunks or blocks of wood are burned.

The Ash Pit Door is extra high, which makes it very easy to remove ashes.

The Water Pan Door is very conveniently located between the fire and ash pit doors.

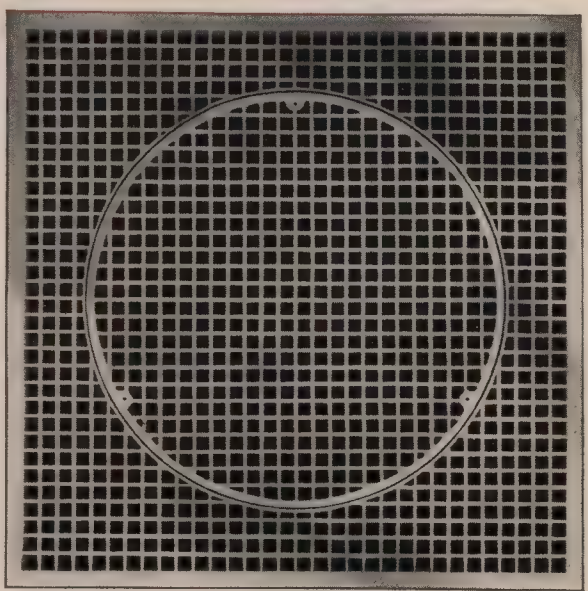
The Clean-out Door is so placed as to make it an easy matter to clean the radiator.

Steel casing rings

The casing rings used in MUELLER FURNACES are made of steel, each in one solid piece, which insures uniformity of size and safety against breakage in transit. Double flanges, one inch apart, allow for a free circulation of air between the two casings.

Just this one Register

The MUELLER PIPELESS FURNACE distributes all of its heat through one central register. Note the two compartments. Hot air goes up the compartment inside the circle (see illustration) — cold air comes down through the outer compartment between circle and border.



Water coils

Coils for heating water for household use can easily be installed in the MUELLER PIPELESS FURNACE either before or after the furnace is set. In all furnaces provisions are made for Coils. The Water Coils themselves are an extra item.

Substantially built by furnace makers who know their business

This strongly built, highly efficient heater is surrounded by a triple casing of which the outer jacket is made of heavy galvanized iron and the inner jacket of two sheets of specially prepared steel, placed one inch apart. These jackets run up to the floor register from which the heat is distributed—the double inner casing being fastened to the inner circle of the register and the outer casing to its border.

The hot air (as previously explained) goes up through the central compartment of the register while the cold air is drawn down through the outer compartment into the space between the jackets and then, as the inner casing is supported about one foot from the floor, circulates up around the fire pot and radiator where it is re-heated. The furnace is regulated from your living rooms by means of chains which operate the drafts and checks.

In the Mueller Pipeless you are getting a real Furnace, scientifically designed and correctly built for maximum heating efficiency, fuel economy and length of service

In buying a furnace, what you get for your money is the really important consideration. The furnace that will give you the most reliable and satisfactory heating service at a reasonable price is your best investment.

Careful investigation will, we believe, convince you that the MUELLER PIPELESS is the most desirable pipeless furnace to own because it is the biggest value.

In building the MUELLER PIPELESS we set certain standards of construction and heating results which we rigidly insist on. We know that, to give satisfaction, a furnace must be built in the right way, of the right materials. We won't skimp or substitute in vital things for the sake of knocking a few dollars off the cost, which would often mean knocking many dollars off the value of the furnace.

At the same time, we have the experience and the manufacturing facilities which enable us to build the MUELLER PIPELESS FURNACE and sell it for as low a price as any firm on earth can quote on a furnace of the same specifications. Having established our standards of quality in design and materials, we have, in the manufacture and sale of the MUELLER PIPELESS, put into operation the latest efficiency methods which have resulted in getting its price to the consumer down to an astonishingly low figure—quality considered. Measured by heating efficiency and years of service you will find that the MUELLER PIPELESS costs less than any other similar furnace made. In other words, you can get better heat, cheaper heat, and more of it for every dollar you pay for a MUELLER PIPELESS than you can for the money put into any other pipeless furnace.

Note particularly these features of construction which increase the value of the Mueller Pipeless

The MUELLER PIPELESS has a triple casing: *outer* of heavy galvanized iron and *inner* of two sheets of rust-resisting steel. This construction provides three very important advantages: *Circulation, Insulation* and *Heat Conservation.*

The space between the inner and outer casings provides for return of cold air through outer compartment of register for re-heating. Air is kept in constant circulation, which means correct ventilation and safeguards health. The triple jacketing shuts heat off from the cellar and eliminates the danger of spoiling foodstuffs.

Less fuel is consumed to heat the rooms, for the cold air descending between the casings is warmed by contact with them and takes less time and fuel to re-heat than cold air from outside the house.

This triple casing naturally costs more than single casing, but the advantages it affords and the heat saving it effects quickly offset the difference in price between the triple-jacketed MUELLER PIPELESS and cheaply-built single-jacketed furnaces.

Look out for the pipeless furnace which does not provide for return circulation. Without this you cannot get either proper heating or proper ventilation. The MUELLER PIPELESS provides ample space for the passage of warm air to the rooms. The size of the register is accurately gauged to the heating capacity of the furnace. It is a positive scientific fact that a given amount of heat requires a given size of passage for its effective transmission, and if the space is constricted, heat is lost.

In the MUELLER PIPELESS, as you will see by referring to page 3, the heating channel is large. This means quick heating, no waste, maximum results from fuel burned. We could cut down the cost of the MUELLER PIPELESS by constricting the casing and shooting the heat up in an inverted cut-off cone to a small register, but the buyer of the furnace would be getting the worst of the bargain.

The design and materials used for the radiator of the MUELLER PIPELESS also deserve your most careful consideration. *One piece construction* and the use of cast iron throughout prevent the escape of gases into the air chamber and remove the possibility of unpleasant and unhealthy conditions from this source.

The shape of the radiator, narrower at bottom and wider at top, gives more thorough radiation and prevents the waste of heat.

Before purchasing any pipeless furnace find out whether you are getting a complete outfit or will have to buy a lot of extras before your furnace can be operated. In the case of some pipeless furnaces the apparently low price quoted covers only the *castings* of the furnace, without any *casing* whatever. You must buy a galvanized jacket as an extra or else buy brick and cement and hire a mason to build a brick set job for you.

The price of the MUELLER PIPELESS is for the furnace complete—all ready to install with the sole exception of the smoke pipe, which can be furnished at a small additional cost.

Don't be deceived. Find out what you are getting. Consider the reputation of the makers as well as the construction and completeness of the job. The furnace that offers you best quality and best service will prove the most economical in the end.

We will help you select exactly the right size

MUELLER PIPELESS FURNACES are made in several different sizes to meet the requirements of different homes and different climatic conditions. Tell us how many rooms your house contains, size of each and height of ceilings, how many windows there are in each room, what the prevailing winter temperature is in your locality, and our service staff will recommend the particular size that will give you most satisfactory results. It will be well for you to accompany this information by a rough sketch or plan of the house.

If there is a cellar under the house, we should be informed of its size and arrangement. Tell us also whether you expect to burn coal, wood, coke, or a combination of these fuels. MUELLER PIPELESS FURNACES can be furnished for any or all of these fuels.

Furnished complete, all ready for installation

The MUELLER PIPELESS FURNACE is furnished complete ready for installation, with casing, register, cement, poker, shaker, regulator, chain and pulleys. There is no complicated carpenter or mason work required in order to fit your house for it and put it in place.

The MUELLER PIPELESS is a *real furnace,* not a mere stove or fire box. It is built on scientific principles, with the same thoroughness of construction and careful attention to heating efficiency that have built the MUELLER business up to its present commanding proportions.

The Mueller name assures you perfect satisfaction

The name MUELLER on this new kind of furnace is the best possible assurance that it will live up to every claim made for it and give you complete and absolute satisfaction. We have been building good furnaces ever since 1857 and today MUELLER FURNACES stand in a class by themselves for heating efficiency, fuel economy and operation and satisfactory service.

Realizing the strong demand for better heating in many homes where the usual type of furnace could not be readily installed (and perhaps could not be installed at all), we set ourselves to the task of designing a system that would meet these conditions and extend the use of warm air heat. The result is the MUELLER PIPELESS, in which MUELLER ideals of furnace building and MUELLER thoroughness of construction are embodied in a heating system without pipes or flues, which can be installed in any cellar, no matter how small, with a certainty of heating and ventilating the whole house thoroughly and well.

The MUELLER PIPELESS costs less to install than any other system of warm air heat, hot water or steam heating—and less to operate. Under many conditions it is absolutely the best heating plant that can be used regardless of price. It is not an experiment or a makeshift, but a tried-and-found good heating equipment which is rapidly coming into widespread use on account of its perfect adaptation to a well-known and long-felt need.

Purchasers of Mueller Pipeless Furnaces are protected by an ample guarantee

Without knowing the plan, size and location of the building in which the furnace is to be used, it is impossible for us or anyone else to make specific promises regarding heating efficiency which can be depended upon.

MUELLER PIPELESS FURNACES are sold to meet the requirements of individual installations and their purchase is recommended only when a study of sketches or other information furnished has shown that they will adequately heat the buildings in which they are placed.

In addition to the usual guarantee of freedom from defects of material and workmanship, we will give each individual purchaser any reasonable guarantee of heating results asked in connection with the installation of this furnace. Giving you complete satisfaction is our first consideration.

Investigate the Mueller Pipeless carefully

In this book we have tried to show you what the MUELLER PIPELESS is and what it will do. We have pointed out its advantages, described its construction, explained its unique combination of scientific heating with perfect ventilation and given you an idea of its money-saving value. We believe that we have made out a strong case for the MUELLER PIPELESS and we have, perhaps, opened your eyes to a new and better way of heating your home.

The next step is yours. Don't content yourself with agreeing that maybe this kind of a furnace might be a good thing for you. Find out whether it is or not. Our service staff stands ready to study your problems and lay the results of their investigation before you. They will give you an unbiased opinion as to the possibility of using this kind of furnace to good advantage, and if they believe that it is the furnace for you, will tell you what it will cost to install one. Doing this will involve you in no expense and place you under no obligation. It may be the means of bringing you greater comfort, better health and cutting down your fuel bills.

L. J. Mueller Furnace Co.

ESTABLISHED 1857

Milwaukee, Wis.

Read What Users Say About the MUELLER PIPELESS

Less Wood than a Stove

We are very much pleased with the furnace, and it gives perfect satisfaction in every way. It takes less wood than a stove. We are heating six rooms of which three are upstairs. We are more than satisfied with the door—our neighbor has the..... and you cannot burn anything but small wood—and this is just O. K. for big chunks.

E. W. Meade.

Morgan, Mich., 3/7/16.

Heats Cheaper than Stove

I am perfectly satisfied with my pipeless furnace. It has done all that you claim it would and we have had some very cold weather, as cold as 30 below. I have kept my house of five rooms warm all winter with 6½ tons of soft coal at $5.00 per ton, cheaper than I have ever got off using stoves.

Lee Martin.

Eagle Grove, Ia., 2/29/16.

Storekeeper Perfectly Satisfied

The No. 342 Pipeless Furnace I installed in my store building is giving satisfactory service. It is doing all that could be expected. Since installing plant a number of farmers have manifested their interest in this furnace for dwelling house purposes and it is possible that further sales may result.

E. J. Retzlaff.

Spring Brook, N. D., 2/28/16.

Advice From a User

We are well satisfied with the furnace I bought from you last fall. We burned green wood all winter and we had the house nice and warm and never got up in the night to fire, and always had good coals in the morning, but I think that coal is the best and would advise those who buy the furnace to use coal through the cold months and wood in fall and spring. I can recommend the pipeless furnace to those who intend to buy.

Jens P. Thorup.

Amery, Wis., 2/28/16.

Heats Dakota Church in Bitterest Weather

Your *aim* and *object* concerning the Mueller Pipeless furnace is perfectly attained and that is to say that in spite of 50 to 52 degrees below zero it proved itself to master the situation.

P. S.—This furnace is in use in the Danish Lutheran Church at Flaxton, North Dakota.

Rev. C. E. Nielsen.

Norma, N. D., 1/3/16.

A Wonderful Record

Three months ago today we started fire in our pipeless furnace made by the Mueller Furnace Co. Prior to this we have used three stoves in our house and found it difficult to warm even three-fourths of it at zero weather. Now we are pleased to say that we can comfortably heat the whole house of four large rooms below and four above, with all the halls, on the coldest days, and we believe with less cost for fuel.

The Mueller Furnace is certainly a wonder of quick action, 30 minutes is all that is required in the morning to heat the house from a low temperature to 70 degrees or more.

So far we have used soft coal but in testing it find it equally good for hard. In substituting this furnace for our stoves we are pleased to say that it is the best investment we could have made, giving us genuine comfort in all parts of the house.

J. F. Zajicek.

West Point, Neb., 2/8/16.

Entirely Satisfied

I am entirely satisfied with the Mueller Pipeless Furnace and it is all that you claim for it.

Chas. Groff.

Victor, Ia., 3/1/16.

Whole House Heated for Former Cost of Heating Two Rooms

The No. 342 furnace purchased of you gives good satisfaction. Heats our entire house with the same amount of coal that we formerly used in an ordinary heater, heating two rooms.

We got plenty of 40 degrees below zero weather this winter, but it gives us all the heat necessary and used no more coal unless the wind was blowing. That takes more fuel as it affects the draft.

W. W. Brewer.

Oriska, N. D., 3/1/16.

Enjoying it Immensely

The pipeless furnace we put in our home last fall has given us good satisfaction. We are well pleased and are enjoying it immensely.

John L. Adams.

Solon, Ia., 3/7/16.

Heats 7 Room House Comfortably When Mercury is 20 Below Zero

The pipeless furnace we got from you works fine. We have a seven-room house and all big rooms, at that, and surely heats every one of them and we had an awful winter. We had 42 below zero one morning, and on an average it was about 20 below zero all winter.

George Elsen.

Osseo, Minn., 3/4/16.

Neighbors All Like it

We like the furnace real well and it does all you claim for it. We are perfectly satisfied so far. We recommended it to Mr. Christ. Hein, of Osakis, and he now has one also. Most every one that has seen it says that it is all right and they would like to have a similar one.

John Olson.

Osakis, Minn., 3/1/16.

Wife Wouldn't do Without it

I say that I take a lot of comfort out of my pipeless furnace, and my wife would not do without it. No muss in the house; all down cellar. I tend to it in the morning and don't look after it all day, and still have a warm house in the evening.

August L. Piehn.

Alta Vista, Ia., 3/5/16.

Satisfaction Means More Sales

I have shown the furnace to my neighbors and every one thinks the same as we do about it. It is O. K. I think that another season will see some more of them installed in this vicinity.

Claire Z. Shippy.

Orangeville, Ill., 2/7/16.

More Than Pleased

Your pipeless furnace warms the house nicely, works fine with wood or coal, either. Have had some rather stiff arguments with the pipe furnace men in this country, but they want to come out when it is good and cold to see if we keep warm as easy as I tell them we do, upstairs as well as down. It gives the most even circulation of any furnace I have ever seen.

Chas. E. Doty.

Pecatonica, Ill., 2/28/16.

Gladly Recommends the Mueller Pipeless

We are very much pleased with our pipeless furnace. Our neighbors informed us that if it would heat our house, located where it is, on top of a hill, that it would heat anything, and it has done that to our entire satisfaction. A great many people have asked us about this furnace and when they get in the market for a heating plant think a large number will be installed where houses are adapted for this kind. If at any time you should have prospective customers in the vicinity of Rochester or East of Burlington, would be pleased to show them our furnace.

Chas. C. Rowntree.

Burlington, Wis., 2/28/16.

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